

05/01/98

CASES FROM THE SPECIAL CRASH INVESTIGATION PROGRAM

Page 1 of 6

CHILDREN NOT IN REAR FACING CHILD SAFETY SEATS WHO SUSTAINED FATAL OR SERIOUS INJURIES
IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

	CASE REPORT STATUS ¹	CRASH DATE	ST	AGE	HT (IN)	WT (LB)	RESTRAINT	VEHICLE	CHANGE IN VELOCITY (MPH)	PRE-IMPACT BRAKING	CHILD INJURIES	INJURY SOURCE	DRIVER INJURIES
		INVEST DATE		SEX									
1	CA9307 Fatal: Available	4/93 4/93	OH	6 yr F	44	51	NO	93 VOLVO 850	7	YES	BRAIN	WIND- HEADER	MINOR
2	DS9420 Fatal: Available	9/94 12/94		4 yr F	41	35	NO	94 CHRYSLER MINIVAN	8	YES	SKULL FXS	ROOF	MINOR
3	CA9443 Fatal: Available	7/94 12/94	VA	4 yr M	44	54	NO	94 FORD MUSTANG	10-12	YES	BRAIN, NECK	PAB	NONE
4	IN9508 Fatal: Available	3/95 5/95	TX	9 yr M	55	65	LAP ONLY	95 CHRYSLER MINIVAN	16	YES	BRAIN, NECK	PAB	MINOR
5	CA9515 Fatal: Available	3/94 8/95		7 yr F	53	78	NO	93 LEXUS LS400	LOW	YES	ATLANTO-OCCIPITAL (A/O) C-SPINE TRANS	PAB	NONE
6	CA9520 Fatal: Available	10/95 10/95	UT	5 yr M	41	55	NO	94 CHEVROLET CAMARO CONV	10	YES	C-SPINE	PAB FLAP	MINOR
7	CA9521 Fatal: Available	10/95 10/95	MD	7 yr F	51	55	LAP ONLY	95 CHRYSLER MINIVAN	11	YES	CLOSED HEAD INJURY BRAIN DEAD	PAB	NONE
	IN9518 Available	10/95 10/95		3 yr M	41	37	BOOSTER	95 JAGUAR CONVERTIBLE	LT 10	YES	NON-FATAL BRAIN INJ	PAB	NONE
8	IN9520 Fatal: Available	5/95 12/95	MI	5 yr F	42	45	NO	95 FORD CONTOUR	10-15	YES	C-SPINE, A/O, BRAIN	PAB FLAP	MINOR
9	CA9523 Fatal: Available	4/95 12/95	VT	5 yr F	46	45	NO	93 DODGE INTREPID	12-18	YES	BRAIN, NECK	PAB	NONE
10	ID9501 Fatal: Available	12/94 12/95	MS	6 yr F	UNK	UNK	NO	95 TOYOTA CAMRY	LT 10	YES	CLOSED HEAD INJURY	PAB FLAP	MINOR
11	CA9601 Fatal: Available	1/96 1/96		9 yr M	54	90	NO	95 CHRYSLER MINIVAN	12-18	YES	FX/DISLOCATION OF CORD AT A/O	PAB	MINOR

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Page 2 of 6

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		INVEST DATE		SEX									
12	DS9605 Fatal: Active	4/96	MD	3 yr	39	29	NO	95 GEO METRO	10-15	YES	A/O, CORD, SKULL FXS	PAB FLAP	MINOR-NONE?
		4/96		F									
13	IN9610 Fatal: Active	12/94	VA	4 yr	46	50	NO	94 FORD ASPIRE	LT 20	YES	BRAIN, NECK	PAB	ARM FX
		4/96		F									
14	IN9612 Fatal: Under Review	5/96	NC	4 yr	43	45	NO	94 CHRYSLER MINIVAN	9-13	YES	BRAIN, NECK	PAB	NONE
		5/96		F									
15	CA9607 Fatal: Active	5/96	NY	7 yr	48	50	NO	95 FORD CONTOUR	LT 15	YES	NECK TRANSECTED	PAB FLAP	MINOR
		5/96		M									
16	IN9618 Fatal: Active	6/96	KS	5 yr	UNK	42	NO	95 CHEVROLET LUMINA	12-18	YES	BROKEN NECK	PAB	MINOR-NONE
		7/96		M									
17	IN9619 Fatal: Active	6/96	MO	4 yr	48	50	NO	95 DODGE CARAVAN	15-20	YES	BASAL SKULL FX	PAB	MINOR, WRIST FX
		8/96		M									
18	CA9610 Fatal: Active	9/96	TN	5 yr	41	41	YES	96 DODGE CARAVAN	12	YES	BRAIN	PAB	MINOR
		9/96		F									
19	CA9612 Fatal: Active	9/96	NH	5 yr	46	62	NO	95 HYUNDAI SONATA	12-14	YES	CORD, C-SPINE	PAB FLAP	NONE
		9/96		M									
	CA9611 Active	9/96	PA	4 yr	42	40	LAP ONLY	95 FORD CONTOUR	TBD	YES	NON-FATAL LIVER	PAB	UNKNOWN
		9/96		M									
	NS9601 Active	8/96	MI	3 yr	42	32	LAP ONLY	96 FORD ESCORT LX WAGON	22	NO	NON-FATAL BRAIN	TBD	LIVER LACERATION MULTIPLE FXS
		9/96		M									
20	IN9622 Fatal: Active	6/96	OK	5 yr	46	39	YES	96 MITSUBISHI GALANT S	12	YES	CLOSED HEAD INJURY DEPRESSED SKULL FX	CENTER FLOOR CONSOLE	NONE
		9/96		M									
21	IN9625 Fatal: Available	10/96	MS	6 yr	46	50	NO	95 FORD MUSTANG	TBD	YES	NECK FX	PAB	MINOR
		10/96		M									

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TBD - TO BE DETERMINED

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Page 3 of 6

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		INVEST DATE		SEX									
22	IN9626 Active	10/96	OH	4 yr	42	31	NO	95 CHEVROLET CAMARO	8-10	YES	NON-FATAL BRAIN SKULL FX	PAB	NONE
		10/96		F									
	IN9624 Fatal: Active	7/96	NM	6 yr	47	65	NO	96 PLYMOUTH NEON	MINOR	YES	CERVICAL FX	PAB	MINOR (TREATED & RELEASED)
		10/96		F									
	DS9609 Active	11/96	UT	4 yr	43	40	LAP ONLY	95 PONTIAC GRAND PRIX	13	YES	NON-FATAL BRAIN ARM FX	PAB	NONE
		11/96		M									
23	DS9611 Fatal: Active	11/96	ID	1 yr	42	40	NO FORWARD FACING CHILD SEAT	95 VOLKSWAGEN JETTA	7	YES	DECAPITATION ARM FXS	PAB	MINOR
		11/96		F									
	NS9604 Active	12/96	NE	6 yr	52	55	NO	95 PLYMOUTH VOYAGER	8	YES	NON-FATAL NECK FX	PAB FLAP	NONE
		12/96		M									
24	IN9629 Fatal: Active	12/96	KY	4 yr	45	40	NO	95 GEO METRO	LOW	YES	NECK FX	PAB	MINOR
		12/96		M									
25	DS9612 Fatal: Active	12/96	NM	4 yr	38	29	NO	96 OLDSMOBILE CUTLASS SUPREME SL	12	YES	HEAD INJURIES	PAB	MINOR CHEST INJURIES
		12/96		F									
26	IN9701 Fatal: Active	12/96	TX	2 yr	36	24	NO ON LAP OF PASSENGER	95 GEO METRO	10	YES	DECAPITATION	PAB	NONE
		01/97		M									
27	CA9702 Fatal: Active	01/97	PA	23 mo	34	25	NO ON LAP OF PASSENGER	94 FORD ASPIRE	LOW	NO	HEAD AND NECK INJURIES	PAB FLAP	MINOR (TREATED & RELEASED)
		01/97		F									
28	CA9624 Fatal: Active	12/96	GA	18 mo	36	22	NO ON LAP OF PASSENGER	96 SATURN SL	10-12	YES	CLOSED HEAD INJURY	PAB	MINOR
		12/96		M									
	CA9706 Active	01/97	ME	3 yr	41	35	BOOSTER	94 DODGE CARAVAN	12	YES	NON-FATAL SKULL FX BRAIN	PAB	MINOR
		02/97		M									
29	IN9705 Fatal: Active	02/97	OH	4 yr	42	42	NO	97 HYUNDAI ACCENT	13	YES	CERVICAL FX	PAB	MINOR
		02/97		M									

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Page 4 of 6

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	INVEST DATE		SEX									
DS9701 Active	01/97	CO	7 yr	51	60	YES	95 DODGE CARAVAN	14	NO	NON-FATAL BLUNT HEAD TRAUMA	PAB	MINOR
	03/97		M									
CA9716 Fatal: Active	04/97	PR	18 mo	34	27	NO	96 HYUNDAI ACCENT	LOW	NO	NECK FX	PAB	NONE
	04/97		F									
DS9702 Active	02/97	CA	6 yr	45	49	YES	96 DODGE CARAVAN	9	YES	NON-FATAL BLUNT HEAD TRAUMA	PAB	UNKNOWN
	02/97		F									
LTC9712A Fatal: Active	04/97	FL	2 yr	32	21	NO ON LAP OF PASSENGER	95 SATURN SL-2	13	NO	TRANSECTION OF POSTERIOR CERVICAL SPINAL CORD	PAB	NONE
	04/97		M									
IN9718 Fatal: Active	05/96	IL	4 yr	45	44	LAP ONLY	94 PLYMOUTH VOYAGER	13	YES	C1-C2 SUBLUXATION AND BRAIN INJURIES	PAB	NONE
	07/97		F									
CA9728 Fatal: Active	08/97	NC	8 yr	53	86	NO	94 JAGUAR	19	YES	FRACTURE DISLOCATION OF THE ATLANTO-OCCIPITAL JOINT	PAB	NONE
	08/97		F									
CA9712 Active	02/97	FL	3 yr	42	30	YES	1997 GEO METRO	21	YES	NON-FATAL BRAIN SKULL FX	PAB, CTR INSTRUMENT PANEL	MINOR
	03/97		F									
IN9727 Active	11/96	WI	8 yr	49	55	NO	96 PLYMOUTH VOYAGER	24	NO	NON-FATAL C-SPINE, A/O, AND BRAIN INJURIES	PAB	NOT BELTED, HOSPITALIZED FX LEFT HIP, FX LEFT RIB
	09/97		F									
DS9718 Fatal: Active	08/97	NM	2 yr	38	33	LAP ONLY	95 HYUNDAI ACCENT	12	YES	TRANSECTION OF CERVICAL SPINAL CORD	PAB	NONE
	09/97		F									
IN9732 Fatal: Active	08/97	OK	2 yr	37	23	YES	95 MITSUBISHI GALANT	13	YES	ATLANTO-OCCIPITAL AND ATLANTO- AXIAL DISLOCATION	PAB	MINOR
	09/97		F									
IN9733 Fatal: Active	05/97	TX	4 yr	39	39	NO	97 CHEVROLET CAMARO	12	YES	FRACTURE/DISLOCATION AT C1 WITH CORD SYNDROME	PAB	MINOR
	09/97		F									
DS9717 Fatal: Active	07/97	AZ	5 yr	44	42	NO	97 MERCURY TRACER	5	YES	FRACTURE/DISLOCATION UPPER CERVICAL SPINE PARTIAL TRANSECTION OF UPPER SPINAL CORD	PAB FLAP	MINOR
	08/97		M									

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	INVEST DATE		SEX									
IN9721 Active	07/97	OK	3 yr	40	36	LAP ONLY	95 DODGE NEON	18	YES	OCCIPITAL CERVICAL DISLOCATION AT C1-C2 WITH SPINAL CORD INJURY	PAB	MINOR
	07/97		F									
IN9717 Active	06/97	IN	4 yr	36	40	YES LAP ONLY IN CENTER FRONT PASSENGER POSITION	92 FORD TAURUS	36082	NO	FRACTURE/ SUBLUXATION AT C2	DAB	MINOR
	06/97		M									
IN9715 Active	06/97	MO	6 yr	40	50	NO	97 VOLKSWAGEN JETTA	15	YES	CLOSED HEAD INJURY	PAB	UNKNOWN
	06/97		M									
CA9745 Fatal: Active	10/97	FL	1 yr	32	28	RESTRAINED IN A FFCSS THAT WAS NOT PROPERLY SECURED TO THE VEHICLE	97 GEO METRO	8-10	UNK	FACIAL ABRASIONS/ CEREBRAL EDEMA/ FRONTAL SCALPULAR, LEFT SUBARACHNOID, AND PERI- VERTEBRAL HEMORRHAGE	PAB	UNKNOWN
	11/97		F									
IN9735 Fatal: Active	10/97	AL	6 yr	49	48	NO	94 PONTIAC GRAND PRIX	13	YES	FRACTURE/ SUBLUXATION AT C2-C3 WITH SPINAL CORD INJURY	PAB	MINOR
	10/97		M									
IN9729 Fatal: Active	09/97	MN	11 yr	60	70	YES LEANING FORWARD	94 DODGE GRAND CARAVAN	8	NO	BRAIN INJURY/ SUBDURAL HEMATOMA/ SUBARACHNOID HEMORRHAGE	PAB	MINOR
	09/97		M									
IN9742 Fatal: Active	11/97	MS	5 yr	37	40	NO	95 FORD CONTOUR	8	YES	FX/DISLOCATION C1/ SPINAL CORD TRANSECTION	PAB FLAP	MINOR
	11/97		F									
CA9733 Fatal: Active	09/97	OH	4 yr	39	34	NO	94 FORD CROWN VICTORIA	12 - 15	YES	CRANIO/CERVICAL DISARTICULATION SPINAL CORD COMPRESSION	PAB	NONE
	10/97		F									

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Page 6 of 6

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43

44

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	INVEST DATE		SEX									
CA9741 Active	10/97	PA	5 yr	UNK	UNK	NO	97 GEO METRO	16	NO	RIGHT FRONTAL CEREBRAL CONTUSION	PAB	MINOR
	10/97		F									
IN9734 Active	10/97	TX	4 yr	43	28	NO	97 HYUNDAI ACCENT	12	YES	FRACTURE C2 WITH TRANSECTION/COMPRESSIO N OF THE SPINAL CORD	COVER FLAP AND PAB	MINOR
	10/97		F									
DS9721 Active	10/97	OR	7 yr	UNK	UNK	NO	96 MERCURY SABLE	11	YES	C1-C2 SEPARATION, CRUSHED LARYNX AND TRACHEA	PAB	MINOR
	10/97		M									

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